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PTO/SB/21 (08-00)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Application No.	09/651,385
Filing Date	August 29, 2000
First Named Inventor	Sanjay Dabral
Group Art Unit	2815
Examiner Name	Jose R. Diaz
Total Number of Pages in This Submission	10
Attorney Docket Number	42390P5258D

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AUG - 1 2000**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Raul D. Martinez, Reg. No. 46,904  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	July 25, 2002

**CERTIFICATE OF MAILING/TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Box AF, Assistant Commissioner for Patents, Washington, D.C. 20231 on:

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Typed or printed name	Lillian E. Rodriguez
Signature	
Date	July 25, 2002

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COPY OF PAPERS  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

JUL 30 2002

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FEE TRANSMITTAL  
FOR FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

0.00

## Complete if Known

Application Number	09/651,385
Filing Date	August 29, 2000
First Named Inventor	Sanjay Dabral
Examiner Name	Jose R. Diaz
Group/Art Unit	2815
Attorney Docket No.	42390P5258D

## METHOD OF PAYMENT (check one)

Check     Credit card     Money Order     Other     None

Deposit Account

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor &amp; Zafman LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below     Credit any overpayments
- Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
108	330	208	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	10 - 20*	0 X 18.00 =	\$0.00
Multiple Dependent	1 - 3*	0 X 84.00 =	\$0.00

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)		

\*or number previously paid, if greater. For Reissues, see below

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for ex parte reexamination
112	920 *	112	920 *	Requesting publication of SIR prior to Examiner action
113	1,840 *	113	1,840 *	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	480	Extension for reply within third month
118	1,440	218	720	Extension for reply within fourth month
128	1,960	228	980	Extension for reply within fifth month
119	320	219	180	Notice of Appeal
120	320	220	180	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,280	241	640	Petition to revive - unintentional
142	1,280	242	640	Utility issue fee (or reissue)
143	480	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Raul D. Martinez	Registration No. (Attorney/Agent)	46,904	Telephone	(310) 207-3800
Signature			Date	07/25/02	

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Our Ref. No.: 42390P5258D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sanjay Dabral and Krishna Seshan

Application No.: 09/651,385

Filed: August 29, 2000

For: DIODE AND TRANSISTOR DESIGN  
FOR HIGH SPEED I/O

Examiner: Jose R. Diaz

Art Unit: 2815

TECHNOLOGY CENTER 2800

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J. McMullan  
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Washington, D.C. 20231

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

In response to the Final Office Action dated May 21, 2002, Applicants respectfully request entry of the amendments set forth below and consideration of the remarks that follow.

**IN THE CLAIMS**

Please substitute the following amended claims for the pending claims with the same numbers:

1        20. (Amended) A method of forming an integrated circuit comprising:  
2              forming a performance circuit occupying a first well of an integrated circuit substrate;  
3              forming a protection circuit occupying a second well of an integrated circuit substrate  
4              separate from the first well; and  
5              coupling the protection circuit to the performance circuit.

2        25. (Twice Amended) The method of claim 24, the doped region being a first doped  
region of a first dopant in the second well of the substrate, the second well being doped with a first